

Ketter for the telephone interview of August 28, 1995. It is honestly believed that the interviews materially advanced prosecution of the subject application.

Amended Claim 33 now reads as follows:

A method of cloning a repertoire of sequences for expression of repertoire of proteins each comprising an immunoglobulin variable domain, comprising copying by polymerase chain reaction a repertoire of sequences, each sequence in said repertoire of sequences comprising an immunoglobulin V gene, using (i) a forward primer specific for a sequence at or adjacent to the 3' end of the sense strand of each sequence of said repertoire of sequences, and (ii) a back primer specific for a sequence within and at or adjacent to the 3' end of the antisense strand of each immunoglobulin V gene.

It should be noted that a "variable domain" consists of a "V segment" or "V gene," a "J segment" and in the case of heavy chain variable regions a "D segment" (see page 4 of the specification).

The subject inventors were the first to discovery that the variable region nucleic acid sequences are sufficiently conserved for a PCR like process to be usable in amplifying a repertoire of variable domain sequences. This is most

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surprising at the 5' end of the V gene, i.e., the 3' end of the antisense strand of the encoding sequence where the back primer binds.

Applicants respectfully submit that all claims now pending herein fully and patentably define the present invention over the applied art of record. As such, early receipt of the Official Notice of Allowance is awaited.

Should any small matters remain outstanding, the Examiner is encouraged to telephone applicants' undersigned attorney so that same can be resolved without the necessity of an additional action and response thereto.

Respectfully submitted,

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